

FS05-425PCT sequence list. ST25.txt
SEQUENCE LISTING

<110> Japan Science and Technology Agency

<120> CLINICAL DIAGNOSTIC REAGENT AND DIAGNOSTIC METHOD FOR TESTING INFECTION OF ADULT TAENIA SOLIUM AND TAENIA SAGINATA

<130> FS05-425PCT

<160> 20

<170> PatentIn version 3.1

<210> 1

<211> 85

<212> PRT

<213> Taenia saginata

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Val Ser Ala Glu Glu Lys Asn Pro Val Arg Ala Ile Arg Ala Arg Cys
20 25 30

Lys Glu Lys Val Ala Lys Trp Glu Lys Phe Phe Asp Glu Asp Pro Leu
35 40 45

Gly Gln Lys Leu Ala Asp His Tyr Ala Lys Leu Arg Glu Leu Val Lys
50 55 60

Glu Val Arg Leu Arg Ile Arg Lys Ala Ile Ala Lys Tyr Val Lys Glu
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Leu Lys Asp Glu Asn
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<212> PRT

<213> Taenia saginata

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Met Gly Val Ala Ile Ile Ala Leu Leu Thr Leu Leu Ala Val Val Ala
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Val Ser Ala Glu Glu Lys Asn Pro Val Arg Ala Ile Arg Ala Arg Cys
20 25 30

Lys Glu Lys Val Ala Lys Trp Glu Lys Phe Phe Asp Glu Asp Pro Leu
35 40 45

Gly Gln Lys Leu Ala Asp His Tyr Ala Lys Leu Arg Glu Leu Val Lys
50 55 60

Glu Val Arg Leu Arg Ile Arg Lys Ala Ile Ala Lys His Val Lys Glu
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Leu Lys Asp Glu Asn
85

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FS05-425PCT sequence list. ST25.txt

<211> 85
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<213> Taenia saginata.

<400> 3

Met Gly Val Ala Ile Ile Ala Leu Leu Thr Leu Leu Ala Val Val Ala
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Val Ser Ala Glu Glu Lys Asn Pro Val Arg Ala Ile Arg Ala Arg Cys
20 25 30

Lys Glu Lys Val Ala Lys Trp Glu Arg Phe Phe Asp Glu Asp Pro Leu
35 40 45

Gly Gln Lys Leu Ala Asp His Tyr Ala Lys Leu Arg Glu Leu Val Lys
50 55 60

Glu Val Arg Leu Arg Ile Arg Lys Ala Ile Ala Lys Tyr Val Lys Glu
65 70 75 80

Leu Lys Asp Glu Asn
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<213> Taenia saginata

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Met Gly Val Ala Ile Ile Ala Leu Leu Thr Leu Leu Ala Val Val Ala
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Val Ser Ala Glu Glu Lys Asn Pro Val Arg Ala Ile Arg Ala Arg Cys
20 25 30

Lys Glu Lys Val Ala Lys Trp Glu Lys Phe Phe Asp Glu Asp Pro Leu
35 40 45

Gly Gln Lys Leu Ala Asp His Tyr Ala Asn Trp Ile Glu Leu Val Lys
50 55 60

Glu Val Arg Leu Arg Ile Arg Lys Ala Ile Ala Lys His Val Lys Glu
65 70 75 80

Leu Lys Asp Glu Asn
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<213> Taenia solium

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Lys Trp Glu Lys Phe Phe Asp Glu Asp Pro Leu Gly Gln Lys Ile Ala
20 25 30

FS05-425PCT sequence list. ST25. txt

Asp His Tyr Ala Lys Leu Arg Glu Leu Val Lys Glu
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<210> 6
<211> 71
<212> PRT
<213> Hymenolepis diminuta

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Glu Tyr Phe Ala Ala Arg Glu Arg Phe Tyr Asp Glu Asp Pro Leu Gly
20 25 30

Lys Gln Ile Ala Ala His Leu Ser Lys Trp Arg Glu Ile Ile Arg Asp
35 40 45

Val Arg Ala Arg Leu Arg Gly Tyr Leu Arg Lys Tyr Leu Asn Asp Leu
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Gln Lys Glu Tyr Pro Lys Ala
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<210> 7
<211> 67
<212> PRT
<213> Moniezia expansa

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Ser Tyr Leu Lys Ser Arg Glu Glu Phe Tyr Asp Lys Asp Pro Leu Gly
20 25 30

Gln Lys Ile Ala Lys Phe Tyr Gly Glu Trp Lys Glu Leu Val Ala Glu
35 40 45

Val Arg Lys Arg Val Arg Ala Arg Ile Ala Ala Tyr Val Lys Lys Leu
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Gln Glu Glu
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<211> 258
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aagttctttg atgaggacc tctaggccag aagcttgccg atcactatgc caagttgagg 180
gaactgggta aggaagtgag actacgtatt cgtaaggcca ttgcaaagta tgtgaaggag 240
ttaaaggatg agaactga 258

<210> 9

FS05-425PCT sequence list. ST25.txt

<211> 258
<212> DNA
<213> Taenia saginata

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aagttctttg atgaggaccc tctagccag aagcttgccg atcactatgc caagttgagg 180
gaactgggta aggaagtgag actacgtatt cgtaaggcca ttgcaaagca tgtgaaggag 240
ttaaaggatg agaactga 258

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<211> 258
<212> DNA
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aggttctttg atgaggaccc tctagccag aagcttgccg atcactatgc caagttgagg 180
gaactgggta aggaagtgag actacgtatt cgtaaggcca ttgcaaagta tgtgaaggag 240
ttaaaggatg agaactga 258

<210> 11
<211> 258
<212> DNA
<213> Taenia saginata

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aagttctttg atgaggaccc tctagccag aagcttgccg atcactatgc caattggata 180
gaactgggta aggaagtgag actacgtatt cgtaaggcca ttgcaaagca tgtgaaggag 240
ttaaaggatg agaactga 258

<210> 12
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<212> DNA
<213> Taenia solium

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acttcgtcac attccacgtc catctttgca atatgcgaat ctaaactgct tccttgatag 120
aaaaaccag ttcgtgttat ccgaaccaag tacaaggaga aggtggcgaa atgggagaag 180
ttctttgatg aggatcctct gggccaaaag atagccgatc actatgcca gttgagggaa 240
ctgggtaagg aaggtaggtt tgtgttgac gaggtcctc cataacttgc atctccttct 300
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<210> 13
<211> 40
<212> DNA
<213> Artificial sequence

<220>
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FS05-425PCT sequence list.ST25.txt

<400> 13 40
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<210> 14
<211> 22
<212> DNA
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<220>
<223> pimer

<400> 14 22
atgogtgcca cattttgctt ct

<210> 15
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<212> DNA
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<220>
<223> primer

<400> 15 22
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<210> 16
<211> 7
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<213> Taenia saginata

<400> 16
Phe Tyr Asp Glu Asp Pro Leu
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<210> 17
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<212> DNA
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<400> 17 20
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<210> 18
<211> 23
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<400> 18 23
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<210> 19
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FS05-425PCT sequence list.ST25.txt

<223> primer

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<210> 20
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> primer

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